		•		
L Number	Hits	Search Text	DB	Time stamp
1	2	(("4536844") or ("6137349")).PN.	USPAT	2004/05/05 09:18
2	2	,	USPAT;	2004/05/05
3	7	downsamp1\$3 (filte\$2) same octav\$2 same downsamp1\$3	EPO; JPO USPAT;	10:58 2004/05/05
4	3	(filte\$2) same (octav\$2 near2 group)	EPO; JPO USPAT;	10:04 2004/05/05
5	3	(filte\$2) same (octav\$2 near2 group)	EPO; JPO USPAT;	10:05 2004/05/05
			US-PGPUB; EPO; JPO	10:05
6	0	("704.200.1").PN.	USPAT; EPO; JPO	2004/05/05 10:58
7	176	(704/200.1).CCLS.	USPAT; EPO; JPO	2004/05/05 10:58
9	2	(704/200.1).ccls. and masking same	USPAT; EPO; JPO	2004/05/05
8	131	(704/200.1).ccls. and masking	USPAT; EPO; JPO	2004/05/05
10	38	cochlea\$1 and (filter near2 ban\$2) and	USPAT; EPO; JPO	2004/05/05
11	6		USPAT; EPO; JPO	2004/05/05 11:04
12	6	1	USPAT; US-PGPUB;	2004/05/05 11:04
12			EPO; JPO	
13	6	(cochlear and (filter near2 banks)) and octave	USPAT; US-PGPUB;	2004/05/05 11:40
			EPO; JPO; DERWENT;	
14	9	, , , , , , , , , , , , , , , , , , , ,	IBM_TDB USPAT;	2004/05/05
		("20020057808") or ("6289247") or ("6219580") or ("6070140") or ("5737719")	US-PGPUB	11:19
15	8	or ("4858612") or ("4532930")).PN. ("20030169891"	USPAT;	2004/05/05
		"20020116196" "20020057808"	US-PGPUB	11:20
		"6289247" "6219580"		
		"6070140" "5737719"		
		"4858612" "4532930") and cochlea\$1 and (filter		
16	0	near2 bank) and octave	USPAT;	2004/05/05
		(half adj2 wave adj2 rectifier)	US-PGPUB; EPO; JPO;	11:41
			DERWENT; IBM TDB	
17	0	(filter near2 banks) same (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB;	2004/05/05 11:41
			EPO; JPO; DERWENT;	
18	3	(filter near2 bank) same (half adj2 wave	IBM_TDB USPAT;	2004/05/05
		adj2 rectifier)	US-PGPUB;	12:31
			EPO; JPO; DERWENT;	
19	3	,, ,	IBM_TDB USPAT;	2004/05/05
		adj2 rectifier)	US-PGPUB; EPO; JPO;	12:33
20	3.0	(6:14-m-1-12-14-14-14-14-14-14-14-14-14-14-14-14-14-	DERWENT; IBM_TDB	2004/05/05
20	10	(filter near3 bank) and (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB;	2004/05/05 12:44
			EPO; JPO; DERWENT;	
L	<u> </u>		IBM TDB	

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Page 1

21	225	(absolute near2 value) and (half adj2	USPAT;	2004/05/05
		wave adj2 rectifier)	US-PGPUB;	12:44
			EPO; JPO;	
			DERWENT;	
	40	/-b1b21\ (b-16d-2	IBM_TDB	2004/05/05
22	49	(absolute near2 value) same (half adj2	USPAT;	2004/05/05
		wave adj2 rectifier)	US-PGPUB;	12:44
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	l
23	2	(absolute adj2 value) near3 (half adj2	USPAT;	2004/05/05
•		wave adj2 rectifier)	US-PGPUB;	12:45
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
24	49	(absolute adj2 value) same (half adj2	USPAT;	2004/05/05
		wave adj2 rectifier)	US-PGPUB;	12:45
		,	EPO; JPO;	
			DERWENT;	
			IBM TDB	

L	Hits	Search Text	DB	Time stamp
Number 1	2	(("4536844") or ("6137349")).PN.	USPAT	2004/05/05
2	2	(digital near2 filte\$2) same octav\$2 same	USPAT;	09:18 2004/05/05
3	7	downsamp1\$3 (filte\$2) same octav\$2 same downsamp1\$3	EPO; JPO USPAT;	10:58 2004/05/05
4	3	(filte\$2) same (octav\$2 near2 group)	EPO; JPO USPAT;	10:04 2004/05/05
5	3	(filte\$2) same (octav\$2 near2 group)	EPO; JPO USPAT;	10:05 2004/05/05
		(2223072) Danie (0330072 110022 g202p)	US-PGPUB; EPO; JPO	10:05
6	0	("704.200.1").PN.	USPAT; EPO; JPO	2004/05/05
7	176	(704/200.1).CCLS.	USPAT; EPO; JPO	2004/05/05
9	2	(704/200.1).ccls. and masking same	USPAT;	10:58 2004/05/05
8	131	octav\$2 (704/200.1).ccls. and masking	EPO; JPO USPAT;	10:59 2004/05/05
-	2	(("5473759") or ("5536844")).PN.	EPO; JPO USPAT	11:00 2003/10/09
_	2	(("4473759") or ("5536844")).PN.	USPAT	09:54 2003/10/06
_	1	("4536844").PN.	USPAT	12:51 2003/10/09
_	1	("4471196").PN.	USPAT	09:56 2003/10/06
_	1	("4771196").PN.	USPAT	12:54 2003/10/06
_	3	digital near2 cochle\$2 near2 model	USPAT;	13:06 2004/05/05
-	0	(audio near2 process\$3) same (sequen\$2	EPO; JPO USPAT;	09:17 2003/10/06
_	5	near2 digital near2 filte\$2) (cochle\$2 near2 model) near5 digital	EPO; JPO USPAT;	13:08 2003/10/06
_	3	lyon.in. and (cochlear)	EPO; JPO USPAT;	13:21 2003/10/08
_	o	"interval research corporation".AS. and	EPO; JPO USPAT;	12:33 2003/10/06
_	91	(cochlear) "interval research corporation".AS.	EPO; JPO USPAT;	13:13 2004/02/04
_	0	watts.in. and (cochlear)	EPO; JPO USPAT;	12:39 2003/10/06
_	36	cochle\$2 near2 model	EPO; JPO USPAT;	13:21 2003/10/06
_	0	(filter near2 bank near2 cascade) same	EPO; JPO USPAT;	13:30 2003/10/06
_	24	cochlea\$1 (filter near2 bank) same cochlea\$1	EPO; JPO USPAT;	14:05 2003/10/06
_	12	5331222.URPN.	EPO; JPO USPAT	13:46 2003/10/06
_	5	cochlear near2 filter near2 bank	USPAT;	13:35 2003/10/06
_	84		EPO; JPO USPAT;	14:43 2003/10/06
_	6	frequen\$4) ("3671889" "3855556" "4763089"	EPO; JPO USPAT	14:00 2003/10/06
_	7	"4970479" "5428814" "5515017").PN. 5515017.URPN.	USPAT	13:52 2003/10/06
_	7	5515017.URPN.	USPAT	13:52
_	Ó	(filter near2 bank near2 cascade) same	USPAT;	13:53
_	٥	octave\$1 cochlear near5 model%3	EPO; JPO USPAT;	09:19 2003/10/06
_	40	cochlear near5 model\$3	EPO; JPO USPAT;	14:44 2004/02/04
_	5	cochlea near filter near bank	EPO; JPO USPAT;	14:33 2003/10/08
_	3	Coomean means filter means pank	EPO; JPO	14:12

-	0	cochlea\$1 near5 model%3	USPAT;	2003/10/06
			EPO; JPO	14:44
-	1	("5502663").PN.	USPAT	2003/10/08
				12:26
-	1	5502663.URPN.	USPAT	2003/10/08
				12:26
-	8		USPAT	2003/10/08
		"4356559" "4803647" "5031132"		12:26
		"5170369" "5315621").PN.		
-	1	lyon.in. and (filter same cascade)	USPAT;	2003/10/08
			EPO; JPO	12:47
-	0	,	USPAT;	2003/10/08
		near2 bank) same cochlea\$1	EPO; JPO	12:48
-	2		USPAT;	2003/10/08
1		near2 bank) same ear	EPO; JPO	12:48
-	36	(audio near2 process\$3) same (filter	USPAT;	2003/10/08
		near2 bank)	EPO; JPO	12:50
-	2	(cochlear near3 implant) same (filter	USPAT;	2003/10/08
		near2 bank)	EPO; JPO	13:00
-	0	(cochlear near3 implant) same (filter	USPAT;	2003/10/08
		near3 cascade)	EPO; JPO	13:02
-	331	cochlear near3 implant	USPAT;	2003/10/08 .
			EPO; JPO	13:29
-	10	("5411467" "5498226" "5772575"	USPAT	2003/10/08
1		"5906635" "5913815" "6216040"		13:04
1		"6259951" "6272382" "6275596"		
		"6308101").PN.		
-	0	(filter near2 configur\$2 near3 process\$3)	USPAT;	2003/10/08
		same (more near2 frequen\$2)	EPO; JPO	13:31
-	15	\====================================	USPAT;	2003/10/08
1		same (frequen\$4)	EPO; JPO	13:32
-	5	(filter near2 configur\$2 near3 process\$3)	USPAT;	2003/10/08
1		near3 (frequen\$4)	EPO; JPO	13:56
- [3247	frequen\$2 near2 select\$3 near3 filter\$1	USPAT;	2003/10/08
			EPO; JPO	13:57
-	35	\" -	USPAT;	2003/10/08
		same (filter near2 bank)	EPO; JPO	14:07
-	15	(tuna\$3 near3 filter\$1) same (filter	USPAT;	2003/10/08
		near2 bank)	EPO; JPO	15:07
-	4	audito\$2 near2 filter near2 bank	USPAT;	2003/10/08
	_		EPO; JPO	14:12
-	0	filte\$1 near2 shar\$3 near3 coeeficien\$4	USPAT;	2003/10/08
			EPO; JPO	15:08
-	20	filte\$1 near2 shar\$3 near3 coefficien\$4	USPAT;	2003/10/08
			EPO; JPO	16:08
-	57	filte\$1 same (coefficie\$4 near2 shar\$3)	USPAT;	2003/10/08
	-	(#406F000# #F004604# #F0600F4#	EPO; JPO	16:09
-	4	("4967388" "5081604" "5262974"	USPAT	2003/10/08
	_	"6282184").PN.		16:11
-	2	("4038536" "5018202").PN.	USPAT	2003/10/08
				16:16
-	72	(computer near2 program) same (process\$3	USPAT;	2003/10/09
	-	near2 audio)	EPO, JPO	10:50
-	0	(computer near2 program) same (process\$3	USPAT;	2003/10/09
		near2 audio) same (digital near2	EPO; JPO	09:38
		filter\$1)	· · · · · · · · · · · · · · · · · · ·	2002/12/22
-	150	(381/320).CCLS.	USPAT;	2003/10/09
		(201/210) 777	EPO; JPO	10:35
-	609	(381/312).CCLS.	USPAT;	2003/10/09
		(201/61)	EPO; JPO	10:17
-	353	(381/61).CCLS.	USPAT;	2003/10/09
	_	//HEE00660HD /HE000400HD 711	EPO; JPO	10:18
-	2	(("5502663") or ("5983139")).PN.	USPAT;	2003/10/09
	=	(48.60.0000000000000000000000000000000000	EPO; JPO	10:35
-	2	(("6222930") or ("5604809")).PN.	USPAT	2003/10/09
1	_	//#5000000000		10:51
-	2	(("5983139") or ("5502663")).PN.	USPAT	2004/02/04
		613. 43. 461 . 310.6 . 461		12:35
-	10	filter\$1 same (first adj2 frequen\$2)	USPAT;	2004/02/04
1		near3 (secon\$1 adj2 frequen\$2) near3 (interv\$3 or perio\$2)	EPO; JPO	11:44
			1	1

				10004/00/04
-	308		USPAT;	2004/02/04
1	_	near3 (secon\$1 adj2 frequen\$2)	EPO; JPO	11:44
-	0	filter\$1 near3 process\$3 near3 (first	USPAT;	2004/02/04
		adj2 frequen\$2) near3 (secon\$1 adj2	EPO; JPO	11:44
		frequen\$2)		
-	28	filter\$1 near3 process\$3 same (first adj2	USPAT;	2004/02/04
		<pre>frequen\$2) near3 (secon\$1 adj2 frequen\$2)</pre>	EPO; JPO	12:11
-	503	filter\$1 near3 octav\$2	USPAT;	2004/02/04
			EPO; JPO	12:12
l -	42	filter\$1 near3 (frequenc\$3 near2 octav\$2)	USPAT;	2004/02/04
			EPO; JPO	12:34
_	147	(700/94).CCLS.	USPAT;	2004/02/04
		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EPO; JPO	12:34
_	71	(607/56).CCLS.	USPAT;	2004/02/04
	/ -	(0077007:0015:	EPO; JPO	13:58
<u> </u>	1	"vulcan ventures".AS.	USPAT;	2004/02/04
	_	varean veneares .as.	EPO; JPO	12:38
	0	"applied neurosystems".AS.	USPAT;	2004/02/04
-	0	appired neurosystems .As.	EPO; JPO	12:39
	•	Unualised Name and the DO	· ·	
-	0	"Applied Neurosystems".AS.	USPAT;	2004/02/04
		High and I was a sub-	EPO; JPO	12:39
-	0	"interval research corporation".AS. and	USPAT;	2004/02/04
	_	cochlear	EPO; JPO	12:39
-	1	5983139.URPN.	USPAT	2004/02/04
				12:46
-	8	("5012245" "5027306" "5323157"	USPAT	2004/02/04
		"5357252" "5408235" "5549658"		12:47
		"5601617" "5626629").PN.		
-	4	(704/\$).ccls. and programm\$5 near2	USPAT;	2004/02/04
		(subband or sub-band)	EPO; JPO	17:04
-	8	("5012245" "5027306" "5323157"	USPAT	2004/02/04
		"5357252" "5408235" "5549658"		14:06
		"5601617" "5626629").PN.		
_	22	5601617.URPN.	USPAT	2004/02/04
				14:08
_	2	(704/\$).ccls. and (subband or sub-band)	USPAT;	2004/02/04
	_	same filter same octave	EPO; JPO	14:23
1_	105	(704/\$).ccls. and filter same octave	USPAT;	2004/02/04
	100	(101747.0013. und 111001 bank occuve	EPO; JPO	15:19
1_	63	(filter adj2 bank\$1) same octave	USPAT;	2004/02/04
	03	/IIICEL adjz bankyi) Same Octave	EPO; JPO	16:32
1_	25	(filter adj2 bank\$1) same cochlea\$1	USPAT;	2004/02/04
	2.5	(Tiller adjz bankyl) Same Cochieayi	EPO; JPO	15:39
	10	E221222 HDDM	1	I
-	12	5331222.URPN.	USPAT	2004/02/04
·			TIG D N III	14:32
-	1	cochlear near3 (model\$3 or implant) same	USPAT;	2004/02/04
		octave	EPO; JPO	14:34
-	373	cochlear near3 (model\$3 or implant)	USPAT;	2004/02/04
			EPO; JPO	14:34
-	29	cochlear near3 (model\$3 or implant) same	USPAT;	2004/02/04
	_	filt\$2	EPO; JPO	14:57
-	2	6182103.URPN.	USPAT	2004/02/04
				14:35
-	2	("5227991" "5731769").PN.	USPAT	2004/02/04
				14:35
-	97	digita\$1 adj2 filt\$2 adj2 cascad\$2	USPAT;	2004/02/04
		-	EPO; JPO	14:40
-	1	6161118.URPN.	USPAT	2004/02/04
				14:48
	8	("4872129" "4983966" "5043933"	USPAT	2004/02/04
		"5592517" "5689449" "5732002"		14:49
		"5880973" "5956494").PN.		
-	1	("5502663").PN.	USPAT	2004/02/04
	_ *	,,		14:57
_	1	5502663.URPN.	USPAT	2004/02/04
			704.31	14:57
_	8	("4146931" "4185325" "4337518"	USPAT	2004/02/04
		"4356559" "4803647" "5031132"	221111	14:57
		"5170369" "5315621").PN.		1 1 1 . 7 /
1_	113	· · · · · · · · · · · · · · · · · · ·	HCDAT.	2004/02/04
] -		lyon.in. and (filter)	USPAT;	2004/02/04
1			EPO; JPO	15:04

-	4	lyon.in. and (filter) same cochle\$2	USPAT;	2004/02/04
			EPO; JPO	15:07
-	4	5355329.URPN.	USPAT	2004/02/04
_	5	lyon.in. and cochle\$2	USPAT;	2004/02/04
1	_		EPO; JPO	15:16
-	1	("4771196").PN.	USPAT	2004/02/04
-	9	4771196.URPN.	USPAT	15:17 2004/02/04
Ì				15:17
-	22	(704/\$).ccls. and (filter adj2 bank) same octave	USPAT;	2004/02/04
-	7	5615302.URPN.	EPO; JPO USPAT	16:24 2004/02/04
				15:22
-	64	(704/\$).ccls. and (filter adj2 casca\$2)	USPAT;	2004/02/04
-	7	5383145.URPN.	EPO; JPO USPAT	15:23 2004/02/04
				15:36
-	3	("4893264" "5081604" "5252932").PN.	USPAT	2004/02/04
_	66	(filter adj2 bank\$1) same cascade	USPAT;	15:36 2004/02/04
			EPO; JPO	16:08
-	378	(filter adj2 bank\$1) same bandpass	USPAT; EPO; JPO	2004/02/04
-	15	(filter adj2 bank\$1) same bandpass same	USPAT;	16:08 2004/02/04
		octave	EPO; JPO	16:08
-	39	("3234544" "3298019" "3582947" "3678507" "3750142" "4210903"	USPAT	2004/02/04 16:10
		"4243974" "4366349" "4390756"		16:10
		"4393275" "4425481" "4441202"		
		"4536844" "4545065" "4548082" "4590459" "4596902" "4685042"		
		"4590459" "4596902" "4685042" "4689819" "4701958" "4739511"	•	
		"4792977" "4829270" "4868880"		
		"5027306" "5099856" "5103230"		
•		"5126743" "5233665" "5241310" "5247581" "5276739" "5303346"		
		"5317640" "5387875" "5448644"		
_	0	"5495242" "5500902" "5553152").PN. programm\$5 near2 (subband or sub-band)	ucpam.	2004/02/04
		near3 filter\$1	USPAT; EPO; JPO	2004/02/04
-	6	programm\$5 near5 (subband or sub-band)	USPAT;	2004/02/04
1_	45	near3 filter\$1 (704/\$).ccls. and (sampli\$2 near2 rate)	EPO; JPO USPAT;	16:24 2004/02/04
	15	near3 lowe\$1	EPO; JPO	16:25
-	43	cascad\$2 near2 (filter adj2 bank\$1)	USPAT;	2004/02/04
	697	(704/\$).ccls. and filter adj2 bank	EPO; JPO	16:33
	097	(101/4).ccis. and fifter adjz bank	USPAT; EPO; JPO	2004/02/04 16:42
-	1	("5331222").PN.	USPAT	2004/02/04
_	0	("cochlear\$1samebandpasssamecascade").PN.	USPAT;	16:51 2004/02/04
		<u> </u>	EPO; JPO	16:51
-	1	cochlear\$1 same bandpass same cascade	USPAT;	2004/02/04
_	5	cochlear\$1 same bandpass same parall\$2	EPO; JPO USPAT;	17:02 2004/02/04
		coomicatit pame panabass same batails?	EPO; JPO	17:03
-	1	cochlear\$1 same bandpass same cascad\$2	USPAT;	2004/02/04
_	0	cochlear\$1 same BPF same cascad\$2	EPO; JPO USPAT;	17:03 2004/02/04
		occurrency same bil same cascadyz	EPO; JPO	17:03
-	169	bandpass near3 cascad\$2	USPAT;	2004/02/04
_	6	(704/\$).ccls. and bandpass same cascade	EPO; JPO USPAT;	17:04 2004/02/04
		•	EPO; JPO	17:35
-	21	(filter near3 sampl\$3 near2 first) same	USPAT;	2004/02/04
]_	16	<pre>(second near3 frequen\$2 near3 sampli\$2) (time adj2 vary\$3 adj2 filter) same</pre>	EPO; JPO USPAT;	17:47 2004/02/04
		(sampli\$2 adj2 rat\$2)	EPO; JPO	17:52
-	705	(time) adj2 (vary\$3 or invari\$3) near3	USPAT;	2004/02/05
L		filt\$2	EPO; JPO	12:18

	23	(time) adj2 (vary\$3 or invari\$3) near3	USPAT;	2004/02/05
	ŀ	filt\$2 same audio	EPO; JPO	12:38
-	24	(time) adj2 (vary\$3 or vari\$3) near3	USPAT;	2004/02/05
		filt\$2 same audio	EPO; JPO	13:27
-	19	(filter adj2 coeffici\$6) near2	USPAT;	2004/02/05
		represent\$2 near3 bi\$2	EPO; JPO	13:27